

FIG. 1

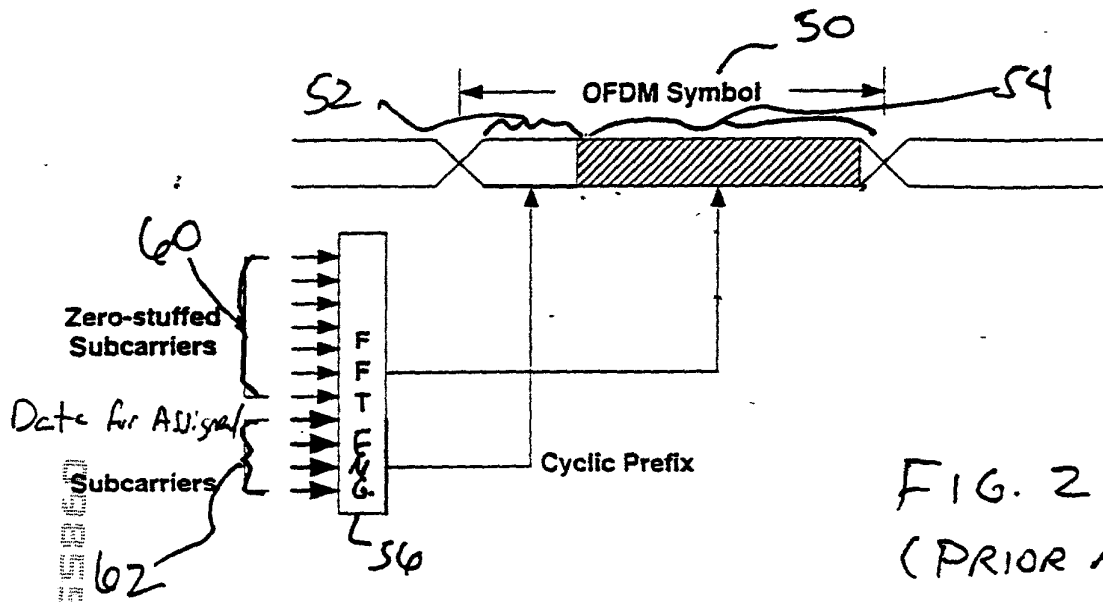


FIG. 2  
(PRIOR ART)

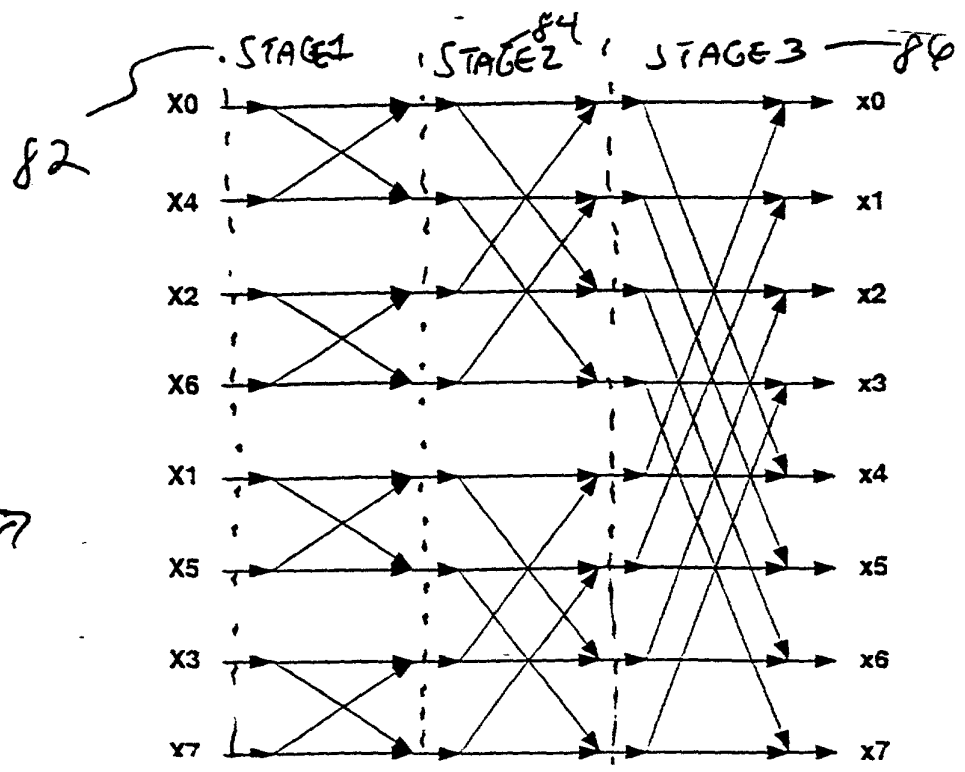


FIG. 3  
(PRIOR ART)

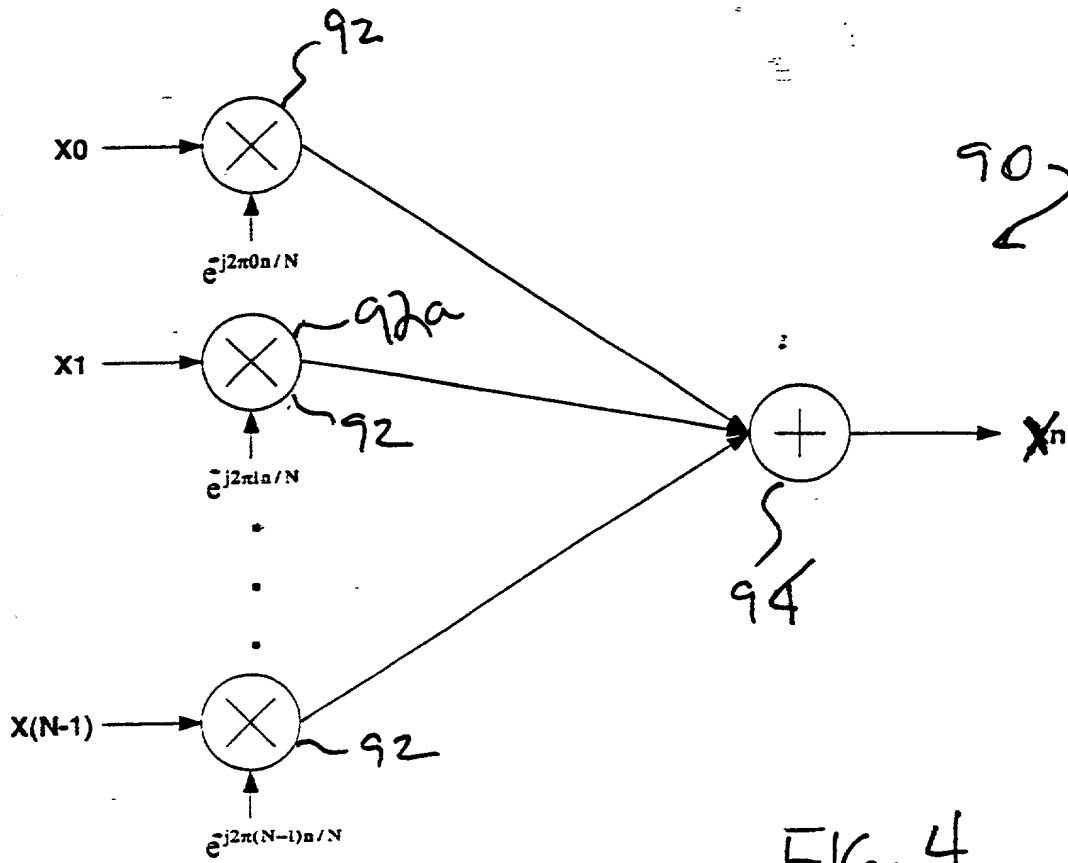


FIG. 4

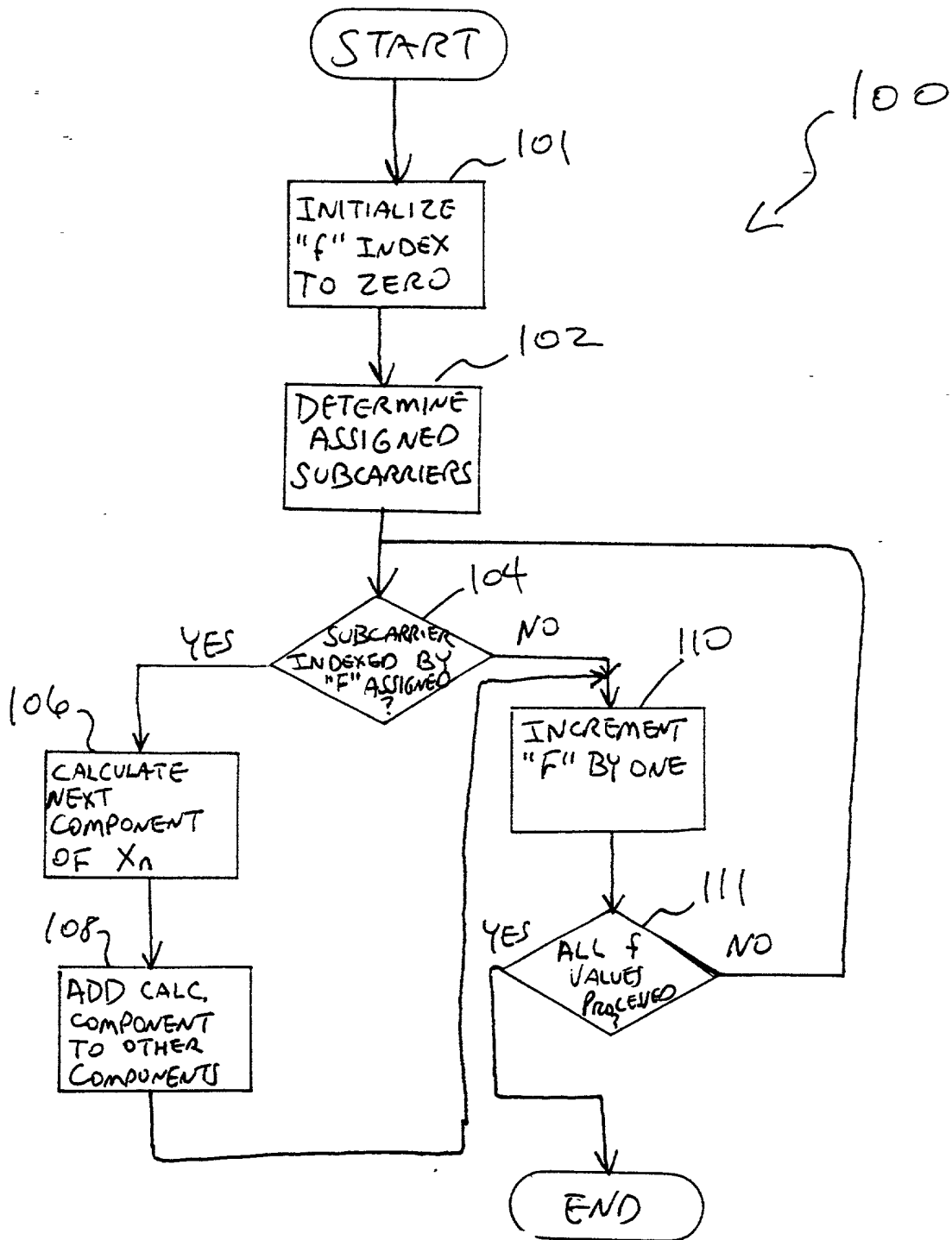


FIG. 5

Total No. of Subcarriers (N)	Processing required for FFT $N \log_2(N)$	Equivalent Subcarriers using DFT
16	64	4
32	160	5
64	384	6
128	896	7
256	2048	8
512	4608	9
1024	10240	10
2048	22530	11
4096	49150	12

FIG. 6

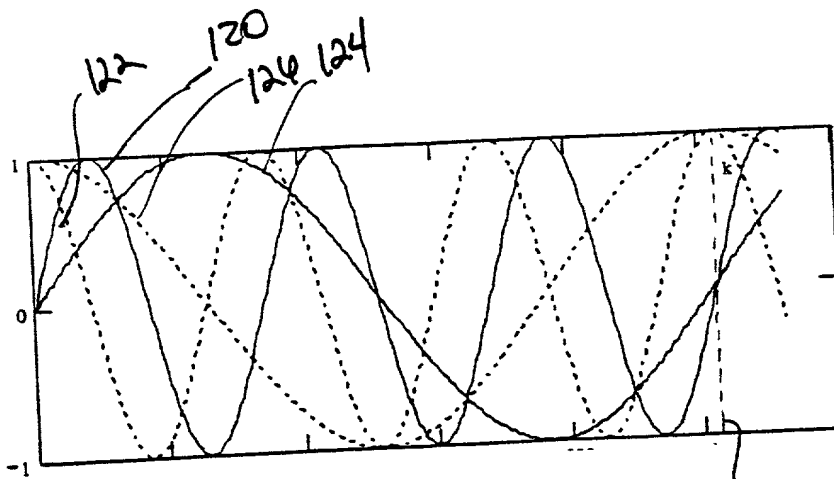


FIG. 7

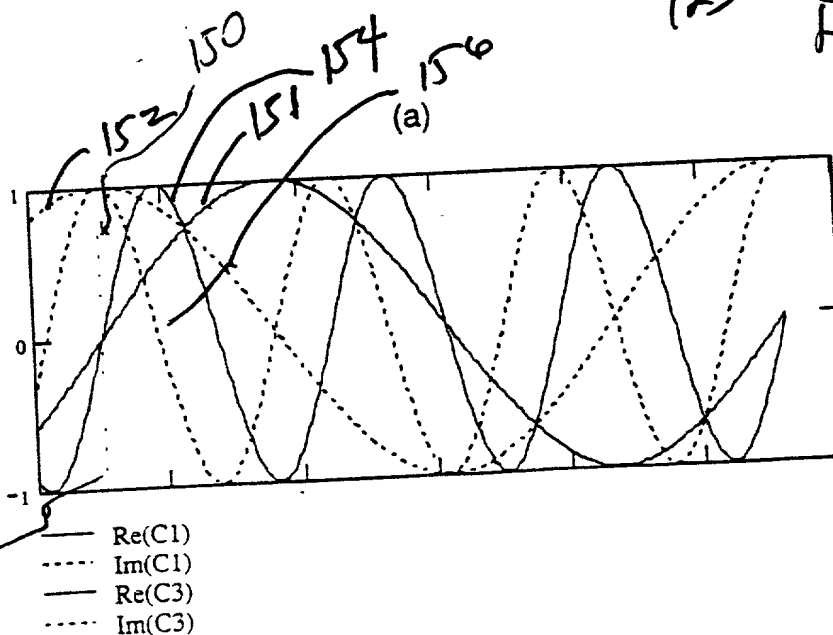


FIG. 9

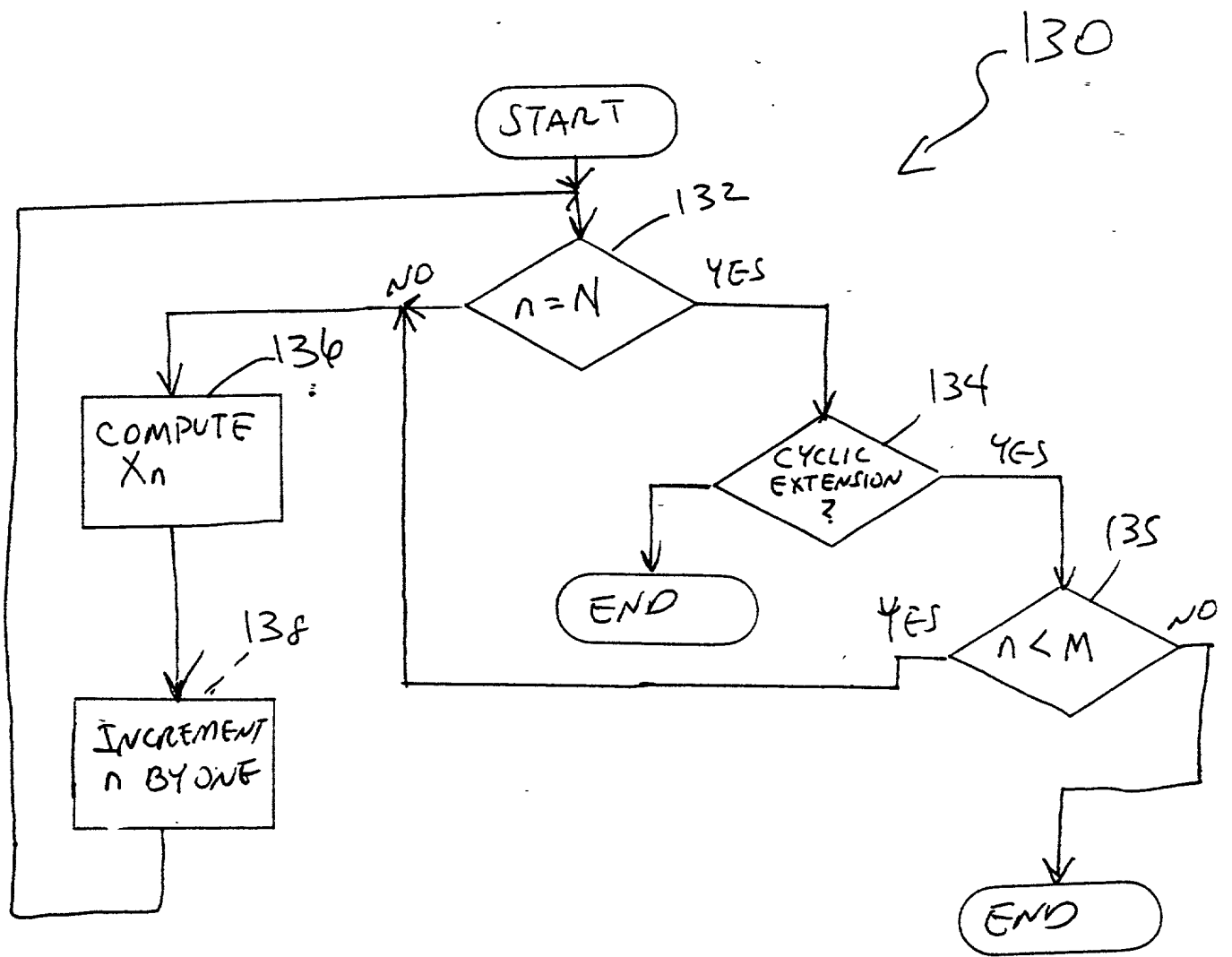


FIG. 8

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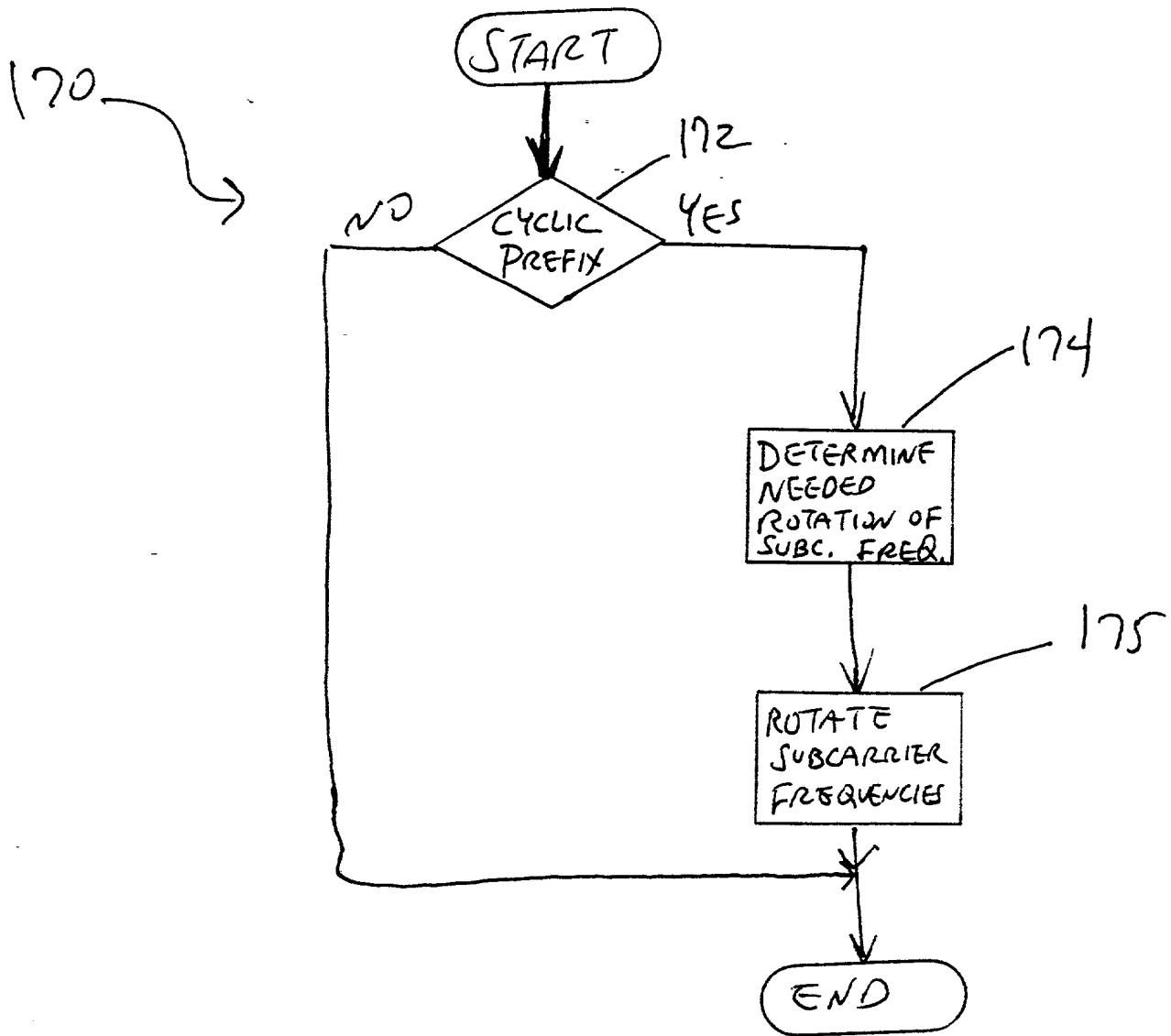


FIG. 10

200

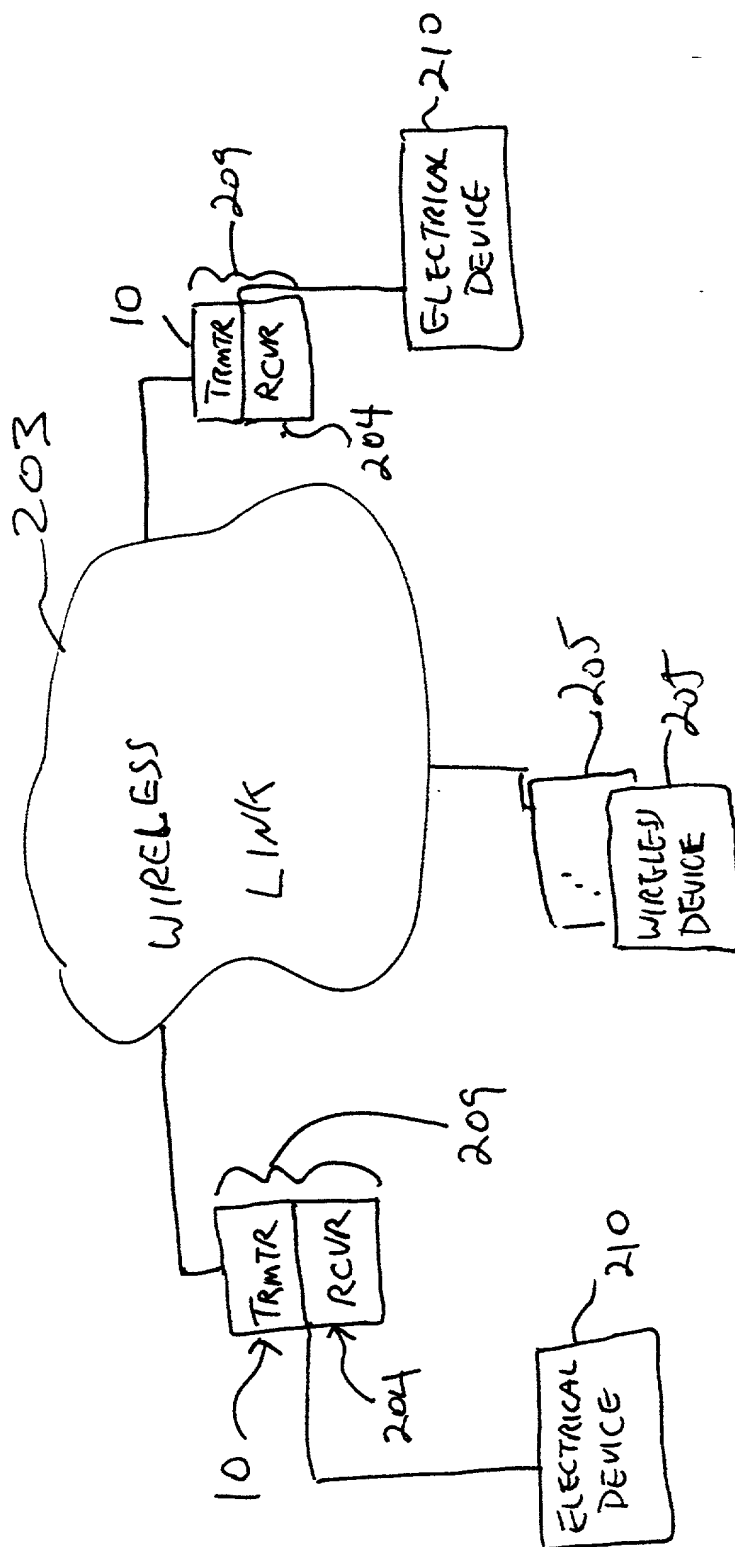


FIG. 11